## PATENT ABSTRACTS OF JAPAN

(11)Publication number: 10-191429(43)Date of publication of application: 21.07.1998

(51)Int.Cl. H04Q 7/22

H04Q 7/28

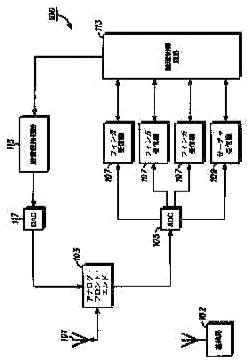
(21)Application number: **09-363854** (71)Applicant: **MOTOROLA INC** 

(22)Date of filing: 18.12.1997 (72)Inventor: WILLIAM D WILLEY

(30)Priority

Priority number: 96 772665 Priority date: 19.12.1996 Priority country: US

## (54) SYSTEM, METHOD AND WIRELESS COMMUNICATION EQUIPMENT FOR SOFT HAND OFF



## (57) Abstract:

PROBLEM TO BE SOLVED: To demodulate a paging channel from a present active pilot by giving the identifier of a base station corresponding to measured pilot intensity to a system infrastructure and assigning a base station to transmit a paging channel message according to this identifier.

SOLUTION: A searcher receiver 109 measure the pilot intensity of a neighboring, and a logic control circuit 113 generates an access channel message including the identifier of the neighboring pilot with a neighboring pilot with sufficient measuring pilot intensity capable of satisfactorily demodulating a related forward traffic channel and a corresponding initial pilot message to be measured. At a following access probe, present pilot intensity to be measured and an identifier are reported to obtain present information concerning pilot intensity

measurement to be used for assign-deciding a base station concerning soft hand off.